

Project 25 Compliance Assessment Program

SUPPLIER'S DECLARATION of COMPLIANCE

APX 8000 Portable Subscribers

SDOC-MOT-APX8000-08242015

August 24, 2015

Motorola Solutions, Inc.

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|--------------------------|---|
| Product Name | Motorola Solutions APX8000 Portable Subscribers |
| Model Number | APX8000 VHF (136-174MHz), UHF Range 1 (380-470MHz), UHF Range 2 (450-520MHz) and 7/800MHz |
| Hardware Options: | H91TGD9PW5AN, H91TGD9PW6AN, H91TGD9PW7AN |
| Installed Options | Trunking, Encryption |
| Software: | Firmware/DSP Versions: APX8000 R71 thru R14 |
| Installed Vocoder | Enhanced Full Rate with System Improvements |

| Devices Tested FOR INTEROPERABILITY with Motorola Solutions APX 8000 Subscribers | | |
|---|------------------------------------|----------------------------------|
| Manufacturer | Product Name and Definition | Installed Options |
| Motorola Solutions | ASTRO®25 | System Release 7.7 |
| | | System Release 7.8 |
| | | System Release 7.9 |
| | | System Release 7.11 |
| | | System Release 7.13 |
| | | System Release 7.14 |
| | | System Release 7.15 |
| Harris | Harris Master V P25 Station | System Release PR10A |
| Tait | TaitNet P25 Trunked Network | TB9100/TN9400 |
| Tait/EADS | P25 Trunked Radio System | TaitNet P25/EADS COR P25 Network |
| Cassidian | Cassidian COR P25 Infrastructure | TB5000i Base Station Model Class |
| PowerTrunk | PowerTrunk 25 FNE B800014 | System Release Ver. 9.4.52 |
| EF Johnson | Trunking | System Release 3.1-RC1 |

Motorola hereby declares that the APX8000 Subscribers pass the test cases listed in the following

Project 25 Compliance Assessment Bulletin sections in their entirety with exclusions as noted:

P25-CAB-CAI_TEST_REQ – March 2010, Section 2.1.1.1 – Project 25 Phase 1 Common Air Interface Conventional Subscriber Unit Performance DTR-P25081014-P25-3417 (VHF, UHF, 7/800MHz)

P25-CAB-CAI_TEST_REQ – March 2010, Section 2.1.1.2 – Project 25 Phase 1 Common Air Interface Trunked Subscriber Unit Performance DTR-P25081014-P25-3417 (VHF, UHF, 7/800MHz)

P25-CAB-CAI_TEST_REQ – March 2010, Section 2.1.3.2 – Project 25 Phase 1 Common Air Interface Trunked Subscriber Unit Interoperability, DTR-P25CAP081011 APX8000, DTR-TIMCO081016-APX, DTR-P25CAP081017-1110120M02, DTR-TIMCO081016 TN9400 APX, DTR-P25CAP081015-3212, DTR-TIMCO081016APX7000, DTR-P25CAP081010-09111601. Test Case 2.2.3.4.4 is not applicable for Motorola subscribers on Harris, Motorola and EFJ infrastructures; see results of test case 2.2.3.4.3. Test Case 2.2.3.4.3 is not applicable for Motorola subscribers on a Tait, Tait/EADS, Cassidian and PowerTrunk infrastructures; see results of test case 2.2.3.4.4. Passed with the exception of test cases 2.2.3.4.5 and

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2.2.3.4.6 which are not supported in the complying product. Test cases 2.2.3.4.5, 2.2.3.4.6 and 2.2.6.4.1 are not supported in the PowerTrunk infrastructure. Test cases for Inter-System and Inter-WACN Roaming configurations are not supported in the complying products.

The summary report of tests performed at Project 25 Compliance Assessment Program Recognized Laboratory(s) P25CAP081010, P25081011, P25CAP081014, P25CAP081015, P25CAP081016, and P25CAP081017 are identified as follows:

Supplier's Summary Test Report Identification: STR-MOT-APX8000 08242015, issued on August 24, 2015

15/sep/2015
Issue Date


Supplier's Authorized Representative Signature

John Ruddy
Supplier's Authorized Representative Printed Name

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OMB NO: 1640-0015

EXPIRATION DATE: 07/31/2015 New OMB Date: 04/30/2016 - KRT for DHS OIC

Burden Statement

An agency may not conduct or sponsor information collection and a person is not required to respond to this information collection unless it displays a current valid Office of Management and Budget control number and an expiration date. The control number for this collection is 1640-0015 and this form will expire on 07/31/2015. The estimated average time to complete this form is 60 minutes per respondent.

Regarding the burden estimate you can write to Department of Homeland Security Directorate, Washington, DC 20528.

1640-1640-001 – July 2012